

## RESULT 3

AAI85186

ID AAI85186 standard; cDNA; 413 BP.

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AC AAI85186;

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DT 06-NOV-2001 (first entry)

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DE Human polynucleotide SEQ ID NO 5246.

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KW Human; cytokine; cell proliferation; cell differentiation; gene therapy;

KW vaccine; peptide therapy; stem cell growth factor; haematopoiesis;

KW tissue growth factor; immunomodulatory; cancer; leukaemia;

KW nervous system disorders; arthritis; inflammation; ss.

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OS Homo sapiens.

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PN WO200164835-A2.

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PD 07-SEP-2001.

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PF 26-FEB-2001; 2001WO-US004927.

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PR 28-FEB-2000; 2000US-00515126.

PR 18-MAY-2000; 2000US-00577409.

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PA (HYSE-) HYSEQ INC.

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PI Tang YT, Liu C, Drmanac RT;

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DR WPI; 2001-514838/56.

DR P-PSDB; AAO05255.

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PT Isolated nucleic acids and polypeptides, useful for preventing diagnosing

PT and treating e.g. leukemia, inflammation and immune disorders.

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PS Claim 1; SEQ ID NO 5246; 1399pp + Sequence Listing; English.

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CC The invention relates to human polynucleotides (AAI79941-AAI93841) and

CC the encoded proteins (AAO00010-AAO13910) that exhibit activity relating to

CC cytokine, cell proliferation or cell differentiation or which may induce

CC production of other cytokines in other cell populations. The

CC polynucleotides and polypeptides are useful in gene therapy, vaccines or

CC peptide therapy. The polypeptides have various cytokine-like activities,

CC e.g. stem cell growth factor activity, haematopoiesis regulating

CC activity, tissue growth factor activity, immunomodulatory activity and

CC activin/inhibin activity and may be useful in the diagnosis and/or

CC treatment of cancer, leukaemia, nervous system disorders, arthritis and

CC inflammation. Note: The sequence data for this patent did not form part

CC of the printed specification, but was obtained in electronic format

CC directly from WIPO at ftp.wipo.int/pub/published\_pct\_sequences

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SQ Sequence 413 BP; 153 A; 65 C; 82 G; 110 T; 0 U; 3 Other;

Query Match 1.8%; Score 36; DB 4; Length 413;

Best Local Similarity 100.0%; Pred. No. 0.00026;

Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1917 TTTATTTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1952



Db 139 TTTATTTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA 174